

D-2939CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT

In the application:)

Serial No. 08/704,159)

For: MULTIVALENT VACCINE FOR)
CLOSTRIDIUM BOTULINUM)
NEUROTOXIN)

ASSOCIATE POWER OF ATTORNEY

Assist. Commissioner for Patents
Washington, DC 20231

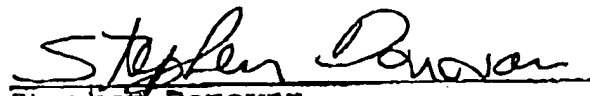
Sir:

In the matter of the above-identified application, I hereby
appoint as associate attorneys:

Donald E. Stout, Reg. No. 34,493, Frank J. Uxa, Reg. No. 25,812, Robert D. Buvan, Reg. No. 32,460,
Kenton R. Mullins, Reg. No. 38,331, Guy Cumberbatch, Reg. No. 36,114, Jo Anna M. Yoben, Reg. No. 42,243
Linda Allvagn Fox, Reg. No. 38,883 and Duan L. Nguyen, Reg. No. 48,857

for the purpose of obtaining certified copies of this application
and a complete file history in the Patent and Trademark Office.

Signed this 17th day of April, 2001.


Stephen Donovan
Attorney for Applicant
Reg. No. 33,433
Allergan - T2/2E
PO Box 19534
Irvine, CA 92623-9534

D-2939CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT

In the application of:
Williams et al.

Serial No. 08/704,159

Filed: August 28, 1996

For: MULTIVALENT VACCINE FOR
CLOSTRIDIUM BOTULINUM
NEUROTOXIN

ASSOCIATE POWER OF ATTORNEY

Assist. Commissioner for Patents
Washington, DC 20231

Sir:

In the matter of the above-identified application, I hereby
appoint as associate attorneys:

Stephen Donovan, Reg. No. 33,423; Carlos A. Fisher, Reg. No. 36,510; Martin A. Vost, Reg. No. 25,208;
Frank J. Uzz, Reg. No. 25,812 and Quan L. Nguyen, Reg. No. 48,957

to prosecute said application, to make alterations and amendments
therein, and to transact all business in the Patent and Trademark
Office connected therewith.


D-2939CIP

2

Please direct all correspondence and telephone calls to:

Frank J. Uxa
4 Venture, Suite 300
Irvine, CA 92618
Telephone: (949) 450-1750
Facsimile: (949) 450-1764

Signed this 17th day of April, 2001.


Stephen Donovan
Attorney for Applicant
Reg. No. 33,433
Allergan - T2/2E
PO Box 19534
Irvine, CA 92623-9534

D-2939CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT

In re application of:

Williams ET AL

) Group Art Unit: 1648

Serial No. 08/704,159

) Examiner: Li, B.

Filed: August 28, 1996

For: MULTIVALENT VACCINE FOR
CLOSTRIDIUM BOTULINUM
NEUROTOXIN

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper for
Application Serial No. 08/704,159 is being
facsimile transmitted to the Patent and
Trademark Office fax number 703/308-4242
on the date shown below.

December 3, 2001

Kyle Yesland - Kyle Yesland

ASSOCIATE POWER OF ATTORNEY

Honorable Commissioner for Patents
Washington, DC 20231


Sir:

In the matter of the above-identified application, I hereby
appoint as an associate attorney:

Kyle Yesland, Reg. No. 45,526

to prosecute said application, to make alterations and amendments
therein, and to transact all business in the Patent and Trademark
Office connected therewith.

Signed this 3RD day of DECEMBER, 2001.


Frank J. Uxa
Attorney for Applicant
Reg. No. 25,612
4 Venture, Suite 300
Irvine, CA 92618
Telephone: (949) 450-1750
Facsimile: (949) 450-1764

DECLARATION FOR PATENT APPLICATION

Serial No.: 08/704,159

Filed: 08/28/96

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **MULTIVALENT VACCINE FOR CLOSTRIDIUM BOTULINUM NEUROTOXIN**, the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

08/405,496

03/16/95

Pending

Application Serial No.

Filing Date

Patented, Pending or Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor: James A. Williams

Inventor's Signature: James A. Williams

Date: 11/18/96

Residence: 6420 Pueblo Court, Lincoln, Nebraska 68516

Citizenship: United States of America

Post Office Address: 6420 Pueblo Court, Lincoln, Nebraska 68516

Full Name of Second Joint Inventor: Bruce S. Thalley

Inventor's Signature: Bruce S. Thalley

Date: _____

Residence: 126 Marinette Trail, Madison, Wisconsin 53705

Citizenship: United States of America

Post Office Address: 126 Marinette Trail, Madison, Wisconsin 53705

DECLARATION FOR PATENT APPLICATION

Serial No.: 08/704,159

Filed: 08/28/96

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **MULTIVALENT VACCINE FOR CLOSTRIDIUM BOTULINUM NEUROTOXIN**, the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

08/405,496

03/16/95

Pending

Application Serial No.

Filing Date

Patented, Pending or Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor: **James A. Williams**

Inventor's Signature: _____ Date: _____

Residence: 6420 Pueblo Court, Lincoln, Nebraska 68516

Citizenship: United States of America

Post Office Address: 6420 Pueblo Court, Lincoln, Nebraska 68516

Full Name of Second Joint Inventor: **Bruce S. Thalley**

Inventor's Signature: Bruce S. Thalley Date: 11/14/96

Residence: 126 Marinette Trail, Madison, Wisconsin 53705

Citizenship: United States of America

Post Office Address: 126 Marinette Trail, Madison, Wisconsin 53705



SR
17350
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 23, 2000

PTAS



ALLERGAN, INC.
STEPHEN DONOVAN
BLDG. T2-7H
2525 DUPONT DRIVE
IRVINE, CA 92612

RECEIVED

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

JAN 04 2001

LEGAL/PATENTS
THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/26/2000

REEL/FRAME: 011183/0764
NUMBER OF PAGES: 12

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

OPHIDIAN PHARMACEUTICALS, INC.

DOC DATE: 03/31/2000

ASSIGNEE:

ALLERGAN, INC.
ALLERGAN BOTOX LIMITED
2525 DUPONT DRIVE
IRVINE, CALIFORNIA 92612

SERIAL NUMBER: 08704159
PATENT NUMBER:

FILING DATE: 08/28/1996
ISSUE DATE:

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-31-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101500875

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New **9.26.00**
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

RECEIVED

JAN 04 2001

LEGAL/PATENTS

Conveying Party(ies)

- ☐ Mark if additional names of conveying parties attached
- Execution Date
Month Day Year

Name (line 1) **Ophidian Pharmaceuticals, Inc.**

03/31/2000

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

- ☐ Mark if additional names of receiving parties attached

Name (line 1) **Allergan, Inc.**

Name (line 2) **Allergan Botox Limited**

Address (line 1) **2525 Dupont Drive**

Address (line 2)

Address (line 3) **Irvine**

California

92612

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Correspondent Name and Address

Area Code and Telephone Number **714 246 4026**

Name **Stephen Donovan**

Address (line 1) **Allergan, Inc.**

Address (line 2) **Bldg. T2-7H**

Address (line 3) **2525 Dupont Drive**

Address (line 4) **Irvine, CA 92612**

Pages

Enter the total number of pages of the attached conveyance document including any attachments. # **1**

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

US08/704,159

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT **US97/15394**

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved. # **2**

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **80.00**

Method of Payment:
Deposit Account

Enclosed ☐

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

01-0885

Authorization to charge additional fees:

Yes

☒

No

☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Stephen Donovan

Name of Person Signing

Registration No. 33,433

Stephen Donovan
Signature

9/26/00
Date

AGREEMENT

THIS AGREEMENT has an effective date of March 21, 2000 and is between Ophidian Pharmaceuticals, Inc., a Delaware Corporation having a place of business at 5445 East Cheryl Parkway, Madison, Wisconsin 53711 ("OPHIDIAN") and Allergan, Inc., a Delaware Corporation, having a place of business at 2525 Dupont Drive, Irvine, California 92612, and its affiliate Allergan Botox Limited, an Irish corporation (collectively "ALLERGAN").

WHEREAS OPHIDIAN is the owner of certain patents and patent applications relating to recombinant botulinum toxins;

WHEREAS, ALLERGAN wishes to acquire the entire right, title and interest in and to the recombinant botulinum toxins patents and applications owned by OPHIDIAN;

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

"PATENT ESTATE" means the patents and patent applications set forth on the attached Appendix 1.

1. Upon the receipt of payment as set forth in paragraph 4, OPHIDIAN hereby sells, assigns, transfers and sets over to ALLERGAN, all right, title and interest, throughout the world, possessed by OPHIDIAN in and to the PATENT ESTATE.

2. Upon the receipt of payment as set forth in paragraph 4, OPHIDIAN hereby grants ALLERGAN a royalty free, fully paid up, and irrevocable license in and to any claims in any United States patents and patent applications (and resulting patent or patents), and to any foreign patents and patent applications (and resulting patent or patents), owned by OPHIDIAN or in which OPHIDIAN acquires rights in or to within a five year period subsequent to the date of this Agreement, which claims cover any non-type A recombinant botulinum toxin or a derivative or fragment thereof, or a process for making or using any non-type A recombinant botulinum toxin or derivative or fragment thereof, and which is not set forth on the attached Appendix A ("ADDITIONAL PATENT ESTATE"). This license will expire when there is no longer at least one patent within the ADDITIONAL PATENT ESTATE which has at least one unexpired claim.

3. Upon the receipt of payment as set forth in paragraph 4, OPHIDIAN hereby grants ALLERGAN a right of first negotiation regarding any assignment of or license to any claims of any United States patent or patent application, and to any foreign patent or patent application, owned by OPHIDIAN or in which OPHIDIAN acquires rights in or to, which claims cover any non-type A recombinant botulinum toxin or a derivative or fragment thereof, or a process for making or using any non-type A recombinant botulinum toxin or derivative or fragment, and which is not within

the scope of articles 1 or 2 above. Thus, the right of first negotiation set forth in this article 3 with regard to a license does not come into effect until March 21, 2005. The right of first negotiation set forth in this article 3 with regard to an assignment comes into effect as of March 21, 2000.

4. In consideration of the foregoing, within ten (10) days of the effective date of this Agreement, ALLERGAN agrees to deliver to OPHIDIAN

5. ALLERGAN acknowledges that the assignment of the PATENT ESTATE is subject to a license granted by OPHIDIAN to the United States of America, a copy of which license is attached hereto as Appendix 2 (the LICENSE"). ALLERGAN understands and acknowledges that, as the assignee of the PATENT ESTATE, it is bound by the terms of the LICENSE.

6. Within seven (7) days of the effective date of this Agreement, OPHIDIAN shall submit the LICENSE to the U.S. Patent and Trademark Office for recordation, and shall also simultaneously furnish a copy of the LICENSE to appropriate United States government officials as notice to the licensee of the granting of the LICENSE.

7. OPHIDIAN agrees to cooperate fully, at ALLERGAN's expense, to assist ALLERGAN in executing and filing such documents as may be necessary or prudent to vest ownership of the PATENT ESTATE in ALLERGAN. OPHIDIAN also agrees to cooperate fully, at ALLERGAN's expense, to assist ALLERGAN in prosecuting, enforcing or defending any of the PATENT ESTATE, and OPHIDIAN further covenants and agrees that it will communicate to ALLERGAN or to its successors, legal representatives and assigns, any facts known to it regarding the PATENT ESTATE, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation-in-part, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid ALLERGAN or its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the PATENT ESTATE in all countries.

8. OPHIDIAN and its employees and officers agree to sign and promptly return to ALLERGAN all required documents such as declarations of inventorship, assignment documents and patent prosecution related documents and declarations so that ALLERGAN can file and expeditiously prosecute one or more patent applications, as it may decide in relation to the PATENT ESTATE.

9. OPHIDIAN represents and warrants that it owns the entire right, title and interest in the PATENT ESTATE and that it has full power and authority to enter into this Agreement.

10. OPHIDIAN hereby represents and warrants that it has no knowledge, except as otherwise disclosed to ALLERGAN prior to the signing of this Agreement,

that the exercise of the PATENT ESTATE would or might infringe the rights, including patent rights, of any third party, and that it has no knowledge of and that no claims have been made from which it can be inferred that any claim of any patent or application encompassed by the PATENT ESTATE is or may be invalid.

11. The parties hereto shall consult with each other before issuing any public announcement or press release, or otherwise making any public statement with respect to this Agreement, or the subject matter hereof and neither of them shall issue or make any public statement prior to obtaining the other party's approval, which approval shall not be unreasonably withheld or delayed. No such approval shall be necessary to the extent disclosure may be required by applicable law or the rules or regulation of any stock exchange. However the party preparing to make any such disclosure shall provide the other party reasonable prior notice of the timing and content of any such disclosure. The parties will use reasonable effects to coordinate an initial public statement, if any, relating to this Agreement so that any such public statement by each party can be made contemporaneously.

12. OPHIDIAN agrees that it will not challenge the validity, scope or enforceability of any of the PATENT ESTATE.

13. The parties' confidential disclosure agreement executed on 3 February 2000 and modified 10 February 2000 is attached hereto and incorporated herein by reference.

14. This Agreement may be amended or modified only by written instrument executed by all the parties hereto.

15. Notices shall be in writing and may be delivered by certified mail addressed to the parties at the addresses listed at the beginning of this agreement or such other address as either party may direct by written notice. Notices shall be deemed to have been given upon actual receipt or within three (3) days of mailing by first class mail in the United States of America.

16. The relationship of the parties under this Agreement is one of independent contractors only. In no event shall either party, or any of its employees, agents, servants or contractors be deemed agents or employees of the other party. Neither party has any authority to bind or obligate or incur any liability on behalf of the other, and no such authority shall be implied.

17. Any controversy or claim arising out of or relating to this Agreement, or the breach thereof, shall be settled by binding arbitration by an entity, such as JAMS or ENDISPUTE which uses retired judicial officers as arbitrators, and judgment upon the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. The parties shall bear their own costs of arbitration, and shall bear an equal share of the arbitrator's fees and expenses unless the arbitrator finds that the party seeking arbitration is acting in bad faith, or frivolously, or in a manner

calculated to harass the defending party, in which case the arbitrator may assess all or a greater portion of the costs of arbitration, including actual attorneys fees, against the party who originally sought the arbitration. If arbitration is requested by ALLERGAN, any arbitration proceeding will take place in Wisconsin applying Wisconsin law. If arbitration is requested by OPHIDIAN, any arbitration proceeding will take place in California applying California law.

18. This Agreement shall be binding upon and enure to the benefit of the parties hereto and to their successors and assigns.


19. This agreement constitutes the entire understanding between the parties with respect to the subject matter hereof and may be amended or modified only by written instrument executed by all the parties hereto. This agreement supercedes all previous communications, representations, understandings and agreements, either oral or written, between the parties or any official or representative thereof with respect to the subject of this Agreement. No representations or warranties are given by either party except for those set forth herein.

IN WITNESS WHEREOF, the parties hereto have affixed their signatures as of the date shown given.

OPHIDIAN PHARMACEUTICALS, INC


Douglas C. Stafford, Ph.D.
President and Chief Executive Officer

ALLERGAN, INC

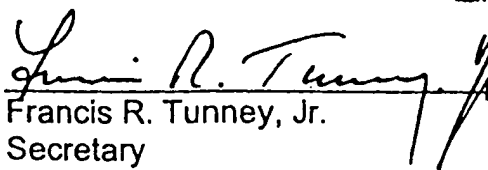

Lester J. Kaplan, Ph.D,
President, Research & Development

Approved
Law Department

Date: March 29, 2000

Date: March 31, 2000

ALLERGAN BOTOX LIMITED


Francis R. Tunney, Jr.
Secretary

Approved
Law Department

Date: March 31, 2000

APPENDIX "1"

<u>Serial Number</u>	<u>What is Being Assigned</u>
1. U.S. application serial number 08/704,159	entire application and invention
2. PCT/US97/15394	entire application and invention, including any national filings

Appendix 2

NON-EXCLUSIVE PATENT LICENSE

WHEREAS Ophidian Pharmaceuticals, Inc., a Delaware corporation with a place of business at 5445 East Cheryl Parkway, Madison, Wisconsin 53711 ("OPHIDIAN"), is the owner of United States patent 5,919,665 and United States patent application serial number 08/704,159 and corresponding foreign patents and patent applications (the "'665 RELATED PATENTS")

WHEREAS the United States government has expressed a desire to acquire a license to the '665 RELATED PATENTS in order to pursue vaccine development;

NOW, THEREFORE, in a spirit of cooperation, in view of the governments desire to pursue research towards developing a botulism vaccine, and in furtherance of its own business objectives, OPHIDIAN hereby grants to the government of the United States of America a non-exclusive, nontransferable, non-commercial, irrevocable, royalty free and paid-up license, restricted to the field of botulinum vaccine development, to make, have made, or use the inventions encompassed by the claims of the '665 RELATED PATENTS.

This Nonexclusive License has been submitted for recordation by the United States Patent and Trademark Office, is therefore effective immediately, and shall forever bind OPHIDIAN and its successors and assigns.

OPHIDIAN PHARMACEUTICALS, INC.

DATE: 24 MARCH 2000

Douglas C. Stafford, Ph.D.
President and Chief Executive Officer
OPHIDIAN PHARMACEUTICALS, INC.



STATE OF WISCONSIN)
) ss.
COUNTY OF DANE)

On this the 24th day of March, in the year 2000, before me, the undersigned notary public, personally appeared Douglas C. Stafford, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed above, and acknowledged that he executed the same on behalf of Ophidian Pharmaceuticals, Inc.,

NOTARY PUBLIC

-SEAL-



COMMISSION EXPIRES 9-30-2001

OPHIDIAN Pharmaceuticals, Inc.

5445 East Cheryl Parkway, Madison, WI 53711

Phone (608) 271-0878 FAX (608) 277-2395

CONFIDENTIAL DISCLOSURE AGREEMENT

This Agreement is made by and between Ophidian Pharmaceuticals, Inc. (hereinafter "OPHIDIAN"), a Delaware corporation with offices at 5445 East Cheryl Parkway, Madison, WI., 53711 and Allergan, Inc., (hereinafter "Allergan") a Delaware Corporation with offices at 2525 Dupont Drive, Irvine, CA 92612. This Agreement will confirm the mutual interest of OPHIDIAN and ALLERGAN in sharing certain information and providing for protection of that information. Each party shall disclose to the other certain confidential business and technology information for the sole purpose of evaluating a business relationship.

RECITALS.

Each undersigned party, intending to be legally bound, understands that the other party (the Disclosing Party) intends to disclose information relating to the Disclosing Party's business so that the other party (the Receiving Party) may evaluate such information on the following terms and conditions:

1. Following the full execution of this Agreement, each party will disclose to the other party certain of its Confidential Information. The Confidential Information is limited to patent applications, except any portion thereof which:
 - (a.) at the time of disclosure is in the public domain;
 - (b.) after disclosure becomes part of the public domain, except by breach of this Agreement;
 - (c.) was in the possession of the recipient at the time of disclosure and was not acquired, directly or indirectly, under an obligation of confidentiality, as established by competent written evidence;
 - (d.) was received by recipient from a third party who is not, directly or indirectly, under an obligation for confidentiality to the Disclosing Party with respect to such information;
 - (e.) is required by a judicial or administrative agency of competent jurisdiction to be disclosed, after maximum practicable notice by the receiving party to the disclosing party; or,
 - (f.) was developed by or for the Recipient independent of disclosure hereunder as evidence by Recipient's written records.
2. The Receiving Party agrees not to use the Confidential Information provided by the Disclosing Party for any purpose other than the evaluation of the aforementioned business relationship.
3. The Receiving Party agrees to limit distribution of and access to Confidential Information only to employees, officers, and directors within the Receiving Party's immediate organization (and within any parent, subsidiary or affiliated entity) and outside, third party consultants bound by confidentiality requirements no less stringent than those contain within this agreement, and then only to those individuals who have a legitimate "need to know" for the above described evaluation purpose. Each party shall take all reasonable steps to ensure that such employees, wh ther during or after their employm nt with the Receiving party, shall keep the Disclosing Party's Confidential Information secret from other entities.

4. Receipt and evaluation of information shall be limited to a one (1) year period following the date of full execution of this Agreement, unless extended by written agreement signed by the parties. Upon thirty (30) days written notice to the other party, either party may terminate this agreement; provided, however, that all obligations of nondisclosure and non-use, as well as those provisions which by their nature should survive termination, shall so survive for a period of three (3) years from the date hereof.
5. The existence, terms, nature, or subject matter of this Agreement are confidential and shall be treated as Confidential Information pursuant to the terms of this Agreement.
6. Confidential Information received from the Disclosing Party and any developments materially derived therefrom are and shall remain the sole property of the Disclosing Party. Nothing herein shall be deemed to constitute by implication or otherwise the license or grant to the Receiving Party by the Disclosing party, except as anticipated for the purpose of this Agreement, of any intellectual property right to or interest in the Disclosing Party's information and/or any information, technology and/or products materially derived or developed therefrom, notwithstanding the exceptions set forth in Paragraph 1 herein. The Receiving Party shall not use, develop, disclose to any third party, and/or commercialize any of the foregoing without the Disclosing Party's written consent. No agency or partnership relationship is created by this Agreement; no warranties, right to use or fitness for any purpose or of any other kind are made by either Disclosing Party; and it is understood that neither party has any obligation to enter into any further agreements with the other related to any business or any other matter.
7. Nothing in this Agreement shall be deemed, by implication or otherwise to convey to the Receiving Party any rights under any patents, patents application, copyrights, trademarks, trade secrets, inventions or any other intellectual property in which the Disclosing Party has rights or interests, nor shall this Agreement be deemed a commitment of any kind by either the Receiving Party or the Disclosing Party to enter in to an future agreement with the other.
8. Each Receiving Party shall exercise due care—not less than the care accorded its own valuable Confidential Information—to prevent the unauthorized disclosure of Confidential Information received from the Disclosing Party hereunder, or its use for any purpose other than evaluation and consultation with the Disclosing party.
9. Each party represents that it has the right to make disclosures under this Agreement; that it will not disclose to the other any information confidential to any third party; and that the terms of this Agreement are not inconsistent with other contractual and/or other legal obligations it may have, or with the policies of any institution with which it is associated.
- 9.1 This Agreement shall be binding upon and inure to the benefit of the successors and assigns of the parties her to, but neither party shall assign this Agreement without the prior written consent of the other party.

10. Upon termination of either mutual evaluations or business relations between parties, or within thirty (30) days, if otherwise requested by either party, each Receiving Party shall, upon written request, return to the Disclosing Party all written or other physical embodiments of Confidential Information (including tangible materials, unless requested by the Disclosing Party to properly destroy or dispose thereof), together with all full or partial copies thereof, as shall then be in the Receiving Party's possession, except that each party may retain one complete record copy of the other party's Confidential Information for archival purposes and to assure compliance with this Agreement.
11. This Agreement shall be governed and construed in accordance with the laws of the State of Delaware, United States of America without regard to principles of conflict of laws, and this original English language version of the Agreement shall be controlling in all respects. In the event legal action becomes necessary for the enforcement or interpretation of this Agreement such action will be brought in the US District Court for the Western District of Wisconsin, and the parties will submit to the venue and jurisdiction of said courts.
12. No course of conduct or dealing between the parties shall act as a modification or waiver of any provision of this Agreement, unless such modification or waivers are contained in writing and signed by duly authorized representative of each party

OPHIDIAN PHARMACEUTICALS, INC.

By: 

Name: Douglas C. Stafford, Ph.D.

Title: President and CEO

Date: 2/3/00

ALLERGAN, INC.

Approved
Law Department

By: 

Name: Lauren P. Silvermail

Title: Vice President, Business Development

Date: 2/4/00

AMENDMENT TO CONFIDENTIAL DISCLOSURE AGREEMENT

THIS IS AN AMENDMENT, effective February 10, 2000, to the Confidential Disclosure Agreement which was effective February 3, 2000 between Ophidian Pharmaceuticals, Inc. ("Ophidian") and Allergan, Inc. ("Allergan") (the "Agreement")

The Agreement between the parties is hereby amended as follows:

"Confidential Information" is hereby amended to include all information in Ophidian's possession or under its control which relates in any way to any claims made by, any rights in, or any rights alleged to be owned by (a) any individual, corporation, partnership or other legal entity, or; (2) the United States or an entity, department, laboratory, or facility owned or controlled by the United States (including a U.S. Army Medical Research Institute, the U.S. Army, and/or the U.S. Department of Defense), in any of the inventions disclosed or claimed in any of (1) U.S. patent no. 5,919,665; (2) PCT application WO 96/12802; (3) U.S. patent application serial number 08/704,159, and/or; (4) PCT application WO 98/08540, including all correspondence, memoranda, internal company communications, attorney opinions or advice letters with regard to any such claims, rights or alleged rights.

All other terms and conditions of the Agreement to be unchanged.

ALLERGAN, INC.

By: Lauren P. Silvermail
Lauren P. Silvermail
Vice President, Business Development

Date: February 10, 2000

OPHIDIAN PHARMACEUTICALS, INC.

By: Douglas C. Stafford, PhD.

Date: February 10, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
Box Assignments
Washington, D.C. 20231

TRANSMITTAL LETTER

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 61.10

I hereby certify that this communication and the following documents are being deposited with the United States Postal Service on September 26, 2000 with sufficient postage as Express Mail envelope addressed to Commissioner for Patents, Box Assignments, Washington, D.C. 20231: EL385494259US.

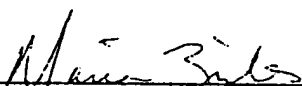
1. Form PTO-1619A/B, "Recordation Form Cover Sheet" (2 pages) with authorization to charge Deposit Account;
2. Original executed Assignment (10 pages); and
3. Return post card.

Please note that Article 4 of the attached agreement has been redacted to remove trade secret information.

Date: September 26, 2000

Maria Zirbes

Name of Person Mailing



Signature of Person Mailing

Allergan, Inc.
Building T2-7H
2525 Dupont Drive
Irvine, CA 92612
Telephone: 714 246 4356
Fax: 714 246 2429



520
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER 17350-PC
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 23, 2000

PTAS

ALLERGAN, INC.
STEPHEN DONOVAN
BLDG. T2-7H
2525 DUPONT DRIVE
IRVINE, CA 92612



*1015

RECEIVED

JAN 04 2001

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

LEGAL/PATENTS

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/26/2000

REEL/FRAME: 011177/0325
NUMBER OF PAGES: 13

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

OPHIDIAN PHARMACEUTICALS, INC.

DOC DATE: 03/31/2000

ASSIGNEE:

ALLERGAN, INC.
2525 DUPONT DRIVE
IRVINE, CALIFORNIA 92612

SERIAL NUMBER: 08405496
PATENT NUMBER: 5919665

FILING DATE: 03/16/1995
ISSUE DATE: 07/06/1999

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US9513737

FILING DATE:
ISSUE DATE:

011177/0325 PAGE 2

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-31-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT

101500876

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type☒ New
☐ Resubmission (Non-Recordation)
Document ID# ☐ Correction of PTO ErrorReel # Frame # ☐ Corrective DocumentReel # Frame # **Conveyance Type**☒ Assignment ☐ Security Agreement☐ License☐ Change of Name☐ Merger☐ OtherU.S. Government
(For Use ONLY by U.S. Government Agencies)☐ Departmental File☐ Secret File**RECEIVED**

JAN 04 2001

LEGAL/PATENTS**Conveying Party(ies)**☐ Mark if additional names of conveying parties attachedName (line 1) Ophidian Pharmaceuticals, Inc.Name (line 2) Execution Date
Month Day Year
 03/31/2000**Second Party**Name (line 1) Name (line 2) Execution Date
Month Day Year
Receiving Party☐ Mark if additional names of receiving parties attachedName (line 1) Allergan, Inc.Name (line 2) Allergan Botox LimitedAddress (line 1) 2525 Dupont DriveAddress (line 2) Address (line 3) Irvine

City

 California

State/Country

 92612

Zip Code

☐ If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) **FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number **714 246 4026**

Name **Stephen Donovan**

Address (line 1) **Allergan, Inc.**

Address (line 2) **Bldg. T2-7H**

Address (line 3) **2525 Dupont Drive**

Address (line 4) **Irvine, CA 92612**

Pages

Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

US 5919,665
South Africa
95/8990

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT **US95/13737**

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved. # **3**

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **120.00**

Method of Payment:
Deposit Account

Enclosed ☐

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

01-0885

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Stephen Donovan

Name of Person Signing

Signature

Date

Registration No. 33,433

AGREEMENT

THIS AGREEMENT has an effective date of March 21, 2000 and is between Ophidian Pharmaceuticals, Inc., a Delaware Corporation having a place of business at 5445 East Cheryl Parkway, Madison, Wisconsin 53711 ("OPHIDIAN") and Allergan, Inc., a Delaware Corporation, having a place of business at 2525 Dupont Drive, Irvine, California 92612, and its affiliate Allergan Botox Limited, an Irish corporation (collectively "ALLERGAN").

WHEREAS OPHIDIAN is the owner of certain patents and patent applications relating to recombinant botulinum toxins;

WHEREAS, ALLERGAN wishes to acquire the entire right, title and interest in and to the recombinant botulinum toxins patents and applications owned by OPHIDIAN;

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

"PATENT PROPERTIES" means the patents and patent applications set forth on the attached Appendix A.

1. Upon receipt of payment as set forth in paragraph 4, OPHIDIAN hereby sells, assigns, transfers and sets over to ALLERGAN, all right, title and interest, throughout the world, possessed by OPHIDIAN in and to the PATENT PROPERTIES.

2. Upon receipt of payment as set forth in paragraph 4, OPHIDIAN hereby grants ALLERGAN a royalty free, fully paid up, and irrevocable license in and to any claims in any United States patents and patent applications (and resulting patent or patents), and to any foreign patents and patent applications (and resulting patent or patents), currently owned by OPHIDIAN or in which OPHIDIAN acquires rights in or to within a five year period subsequent to the effective date of this Agreement, which claims cover any type A recombinant botulinum toxin or a derivative or fragment thereof, or a process for making or using any type A recombinant botulinum toxin or derivative or fragment thereof, and which is not set forth on the attached Appendix A ("ADDITIONAL PATENT PROPERTIES"). This license will expire when there is no longer at least one patent within the ADDITIONAL PATENT PROPERTIES which has at least one unexpired claim.

3. Upon receipt of payment as set forth in paragraph 4, OPHIDIAN hereby grants ALLERGAN a right of first negotiation regarding any assignment of or license to any claim in any United States patent or patent application, and to any foreign patent or patent application, owned by OPHIDIAN or in which OPHIDIAN acquires rights in or to, which claims cover any type A recombinant botulinum toxin or a derivative or fragment thereof, or a process for making or using any type A recombinant botulinum toxin or derivative or fragment, and which is not within the

scope of articles 1 or 2 above. Thus, the right of first negotiation set forth in this article 3 with regard to a license does not come into effect until March 21, 2005. The right of first negotiation set forth in this article 3 with regard to an assignment comes into effect as of March 21, 2000.

4. In consideration of the foregoing, within ten (10) days of the effective date of this Agreement, ALLERGAN agrees to deliver to OPHIDIAN

5. ALLERGAN acknowledges that the assignment of the PATENT PROPERTIES is subject to a license granted by OPHIDIAN to the United States of America, a copy of which license is attached hereto as Appendix "B" (the LICENSE). ALLERGAN understands and acknowledges that, as the assignee of the PATENT PROPERTIES, it is bound by the terms of the LICENSE. ALLERGAN grants an exclusive license back to OPHIDIAN as to the claims of the South African Patent 95/8990 directed to C. difficile (see LICENSE B attached as Appendix C).

6. Within seven (7) days of the effective date of this Agreement, OPHIDIAN shall submit the executed LICENSE to the U.S. Patent and Trademark Office for recordation, and shall also furnish a copy of the LICENSE to appropriate United States government officials as notice to the licensee of the granting of the LICENSE.

7. OPHIDIAN agrees to cooperate fully, at ALLERGAN's expense, to assist ALLERGAN in executing and filing such documents as may be necessary or prudent to vest ownership of the PATENT PROPERTIES in ALLERGAN. OPHIDIAN also agrees to cooperate fully, at ALLERGAN's expense, to assist ALLERGAN in prosecuting, enforcing or defending any of the PATENT PROPERTIES, and OPHIDIAN further covenants and agrees that it will communicate to ALLERGAN or to its successors, legal representatives and assigns, any facts known to it regarding the PATENT PROPERTIES, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation-in-part, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid ALLERGAN or its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the PATENT PROPERTIES in all countries.

8. OPHIDIAN and its employees and officers agree to sign and promptly return to ALLERGAN all required documents such as declarations of inventorship, assignment documents and patent prosecution related documents and declarations so that ALLERGAN can file and expeditiously prosecute one or more patent applications, as it may decide in relation to the PATENT PROPERTIES.

9. OPHIDIAN represents and warrants that it owns the entire right, title and interest in the PATENT PROPERTIES and that it has full power and authority to enter into this Agreement.

10. OPHIDIAN hereby represents and warrants that it has no knowledge, except as otherwise disclosed to ALLERGAN prior to the signing of this Agreement, that the exercise of the PATENT PROPERTIES would or might infringe the rights, including patent rights, of any third party, and that it has no knowledge of and that no claims have been made from which it can be inferred that any claim of any patent or application encompassed by the PATENT PROPERTIES is or may be invalid.

11. The parties hereto shall consult with each other before issuing any public announcement or press release, or otherwise making any public statement with respect to this Agreement, or the subject matter hereof and neither of them shall issue or make any public statement prior to obtaining the other party's approval, which approval shall not be unreasonably withheld or delayed. No such approval shall be necessary to the extent disclosure may be required by applicable law or the rules or regulation of any stock exchange. However the party preparing to make any such disclosure shall provide the other party reasonable prior notice of the timing and content of any such disclosure. The parties will use reasonable efforts to coordinate an initial public statement, if any, relating to this Agreement so that any such public statement by each party can be made contemporaneously.

12. OPHIDIAN agrees that it will not challenge the validity, scope or enforceability of any of the PATENT PROPERTIES.

13. The parties' confidential disclosure agreement executed on 3 February 2000 and modified 10 February 2000 is attached hereto and incorporated herein by reference.

14. This Agreement may be amended or modified only by written instrument executed by all the parties hereto.

15. Notices shall be in writing and may be delivered by certified mail addressed to the parties at the addresses listed at the beginning of this agreement or such other address as either party may direct by written notice. Notices shall be deemed to have been given upon actual receipt or within three (3) days of mailing by first class mail in the United States of America.

16. The relationship of the parties under this Agreement is one of independent contractors only. In no event shall either party, or any of its employees, agents, servants or contractors be deemed agents or employees of the other party. Neither party has any authority to bind or obligate or incur any liability on behalf of the other, and no such authority shall be implied.

17. Any controversy or claim arising out of or relating to this Agreement, or the breach thereof, shall be settled by binding arbitration by an entity, such as JAMS or ENDISPUTE which uses retired judicial officers as arbitrators, and judgment upon the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. The parties shall bear their own costs of arbitration, and shall

bear an equal share of the arbitrator's fees and expenses unless the arbitrator finds that the party seeking arbitration is acting in bad faith, or frivolously, or in a manner calculated to harass the defending party, in which case the arbitrator may assess all or a greater portion of the costs of arbitration, including actual attorneys fees, against the party who originally sought the arbitration. If arbitration is requested by ALLERGAN, any arbitration proceeding will take place in Wisconsin applying Wisconsin law. If arbitration is requested by OPHIDIAN, any arbitration proceeding will take place in California applying California law.

18. This Agreement shall be binding upon and enure to the benefit of the parties hereto and to their successors and assigns.

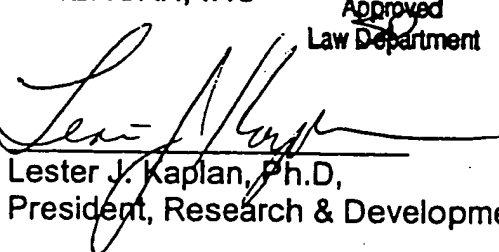
19. This agreement constitutes the entire understanding between the parties with respect to the subject matter hereof and may be amended or modified only by written instrument executed by all the parties hereto. This agreement supercedes all previous communications, representations, understandings and agreements, either oral or written, between the parties or any official or representative thereof with respect to the subject of this Agreement. No representations or warranties are given by either party except for those set forth herein.

IN WITNESS WHEREOF, the parties hereto have affixed their signatures as of the date shown given.

OPHIDIAN PHARMACEUTICALS, INC.


Douglas C. Stafford, Ph.D.
President and Chief Executive Officer

ALLERGAN, INC

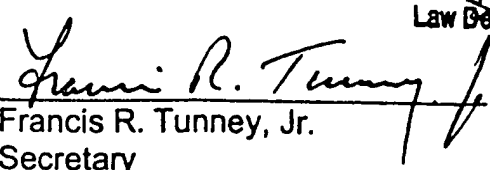

Lester J. Kaplan, Ph.D.,
President, Research & Development

Approved
Law Department

Date: March 29, 2000

Date: March 31, 2000

ALLERGAN BOTOX LIMITED


Francis R. Tunney, Jr.
Secretary

Approved
Law Department

Date: March 31, 2000

APPENDIX "A"

<u>Serial Number</u>	<u>What is Assigned By This Agreement</u>
1. U.S. Patent 5,919,665	The entire patent
2. PCT/US95/13737 (WO 96/12802)	<p>The invention, application and subject matter of claims 1-35 , including any divisional application relating to claims 1-35, and any national filings relating to any of the subject matter of claims 1-35 .</p> <p>The subject matter of claims 36-129 which relates to non-botulinum subject matter, is retained by OPHIDIAN.</p>
3. South African Patent 95/8990	The entire patent (with a license back to Ophidian as set forth in the Agreement)

NON-EXCLUSIVE PATENT LICENSE

WHEREAS the United States government has expressed a desire to acquire a license to the '665 RELATED PATENTS in order to pursue vaccine development;

This Nonexclusive License has been submitted for recordation by the United States Patent and Trademark Office, is therefore effective immediately, and shall forever bind OPHIDIAN and its successors and assigns.

DATE: 24 MARCH 2000

er
S, INC.

On this the 24th day of March, in the year 2000, before me, the undersigned notary public, personally appeared Douglas C. Stafford, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed above, and acknowledged that he executed the same on behalf of Ophidian Pharmaceuticals, Inc.,

-SEAL-

May Ellen Wake

COMMISSION EXPIRES 9-30-2001

APPENDIX C

EXCLUSIVE PATENT LICENSE (LICENSE B)

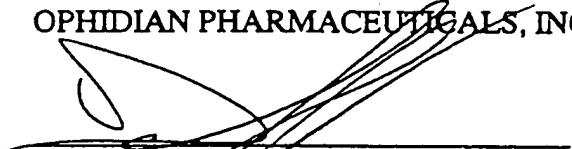
WHEREAS, Allergan, Inc., a Delaware Corporation, having a place of business at 2525 Dupont Drive, Irvine, California 92612, and its affiliate Allergan Botox Limited, an Irish corporation (collectively "ALLERGAN"), has acquired ownership of South African Patent 95/8990 pursuant to the AGREEMENT attached hereto.

WHEREAS, Ophidian Pharmaceuticals, Inc. a Delaware corporation with a place of business at 5445 East Cheryl Parkway, Madison Wisconsin 53711 ("OPHIDIAN"), has expressed a desire to acquire an exclusive license to the C. difficile claims of the South African Patent 95/8990.

NOW, THEREFORE, in a spirit of cooperation, in view of OPHIDIAN's desire to pursue its own business objectives, ALLERGAN hereby grants to OPHIDIAN an exclusive, royalty free and fully paid-up license, restricted to claims 35-101 (the C. difficile claims) in South African Patent 95/8990, to make, have made, or use the inventions encompassed by these claims.

This exclusive License has been submitted for recordation by the United States Patent and Trademark Office, is therefore effective immediately, and shall forever bind ALLERGAN and its successors and assigns.

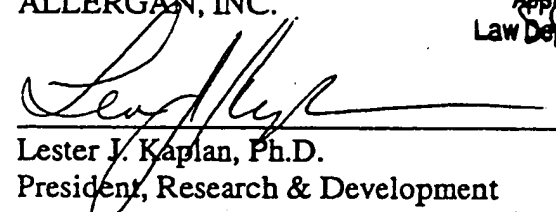
OPHIDIAN PHARMACEUTICALS, INC.



Douglas C. Stafford, Ph.D.
President and Chief Executive Officer

Date: March 29, 2000

ALLERGAN, INC.



Lester J. Kaplan, Ph.D.
President, Research & Development

Date: March 31, 2000

Approved
Law Department

CONFIDENTIAL DISCLOSURE AGREEMENT

This Agreement is made by and between Ophidian Pharmaceuticals, Inc. (hereinafter "OPHIDIAN"), a Delaware corporation with offices at 5445 East Cheryl Parkway, Madison, WI., 53711 and Allergan, Inc., (hereinafter "Allergan") a Delaware Corporation with offices at 2525 Dupont Drive, Irvine, CA 92612. This Agreement will confirm the mutual interest of OPHIDIAN and ALLERGAN in sharing certain information and providing for protection of that information. Each party shall disclose to the other certain confidential business and technology information for the sole purpose of evaluating a business relationship.

RECITALS

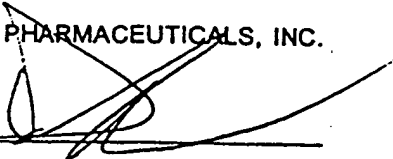
Each undersigned party, intending to be legally bound, understands that the other party (the Disclosing Party) intends to disclose information relating to the Disclosing Party's business so that the other party (the Receiving Party) may evaluate such information on the following terms and conditions:

1. Following the full execution of this Agreement, each party will disclose to the other party certain of its Confidential Information. The Confidential Information is limited to patent applications, except any portion thereof which:
 - (a.) at the time of disclosure is in the public domain;
 - (b.) after disclosure becomes part of the public domain, except by breach of this Agreement;
 - (c.) was in the possession of the recipient at the time of disclosure and was not acquired, directly or indirectly, under an obligation of confidentiality, as established by competent written evidence;
 - (d.) was received by recipient from a third party who is not, directly or indirectly, under an obligation for confidentiality to the Disclosing Party with respect to such information;
 - (e.) is required by a judicial or administrative agency of competent jurisdiction to be disclosed, after maximum practicable notice by the receiving party to the disclosing party; or,
 - (f.) was developed by or for the Recipient independent of disclosure hereunder as evidenced by Recipient's written records.
2. The Receiving Party agrees not to use the Confidential Information provided by the Disclosing Party for any purpose other than the evaluation of the aforementioned business relationship.
3. The Receiving Party agrees to limit distribution of and access to Confidential Information only to employees, officers, and directors within the Receiving Party's immediate organization (and within any parent, subsidiary or affiliated entity) and outside, third party consultants bound by confidentiality requirements no less stringent than those contained within this agreement, and then only to those individuals who have a legitimate "need to know" for the above described evaluation purpose. Each party shall take all reasonable steps to ensure that such employees, whether during or after their employment with the Receiving party, shall keep the Disclosing Party's Confidential Information secret from other entities.

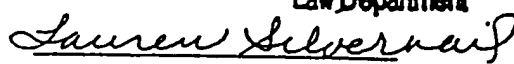
4. Receipt and evaluation of information shall be limited to a one (1) year period following the date of full execution of this Agreement, unless extended by written agreement signed by the parties. Upon thirty (30) days written notice to the other party, either party may terminate this agreement; provided, however, that all obligations of nondisclosure and non-use, as well as those provisions which by their nature should survive termination, shall so survive for a period of three (3) years from the date hereof.
5. The existence, terms, nature, or subject matter of this Agreement are confidential and shall be treated as Confidential Information pursuant to the terms of this Agreement.
6. Confidential Information received from the Disclosing Party and any developments materially derived therefrom are and shall remain the sole property of the Disclosing Party. Nothing herein shall be deemed to constitute by implication or otherwise the license or grant to the Receiving Party by the Disclosing party, except as anticipated for the purpose of this Agreement, of any intellectual property right to or interest in the Disclosing Party's information and/or any information, technology and/or products materially derived or developed therefrom, notwithstanding the exceptions set forth in Paragraph 1 herein. The Receiving Party shall not use, develop, disclose to any third party, and/or commercialize any of the foregoing without the Disclosing Party's written consent. No agency or partnership relationship is created by this Agreement; no warranties, right to use or fitness for any purpose or of any other kind are made by either Disclosing Party; and it is understood that neither party has any obligation to enter into any further agreements with the other related to any business or any other matter.
7. Nothing in this Agreement shall be deemed, by implication or otherwise to convey to the Receiving Party any rights under any patents, patents application, copyrights, trademarks, trade secrets, inventions or any other intellectual property in which the Disclosing Party has rights or interests, nor shall this Agreement be deemed a commitment of any kind by either the Receiving Party or the Disclosing Party to enter in to an future agreement with the other.
8. Each Receiving Party shall exercise due care—not less than the care accorded its own valuable Confidential Information—to prevent the unauthorized disclosure of Confidential Information received from the Disclosing Party hereunder, or its use for any purpose other than evaluation and consultation with the Disclosing party.
9. Each party represents that it has the right to make disclosures under this Agreement; that it will not disclose to the other any information confidential to any third party; and that the terms of this Agreement are not inconsistent with other contractual and/or other legal obligations it may have, or with the policies of any institution with which it is associated.
- 9.1 This Agreement shall be binding upon and inure to the benefit of the successors and assigns of the parties hereto, but neither party shall assign this Agreement without the prior written consent of the other party.

10. Upon termination of either mutual evaluations or business relations between parties, or within thirty (30) days, if otherwise requested by either party, each Receiving Party shall, upon written request, return to the Disclosing Party all written or other physical embodiments of Confidential Information (including tangible materials, unless requested by the Disclosing Party to properly destroy or dispose thereof), together with all full or partial copies thereof, as shall then be in the Receiving Party's possession, except that each party may retain one complete record copy of the other party's Confidential Information for archival purposes and to assure compliance with this Agreement.
11. This Agreement shall be governed and construed in accordance with the laws of the State of Delaware, United States of America without regard to principles of conflict of laws, and this original English language version of the Agreement shall be controlling in all respects. In the event legal action becomes necessary for the enforcement or interpretation of this Agreement such action will be brought in the US District Court for the Western District of Wisconsin, and the parties will submit to the venue and jurisdiction of said courts.
12. No course of conduct or dealing between the parties shall act as a modification or waiver of any provision of this Agreement, unless such modification or waivers are contained in writing and signed by duly authorized representative of each party

OPHIDIAN PHARMACEUTICALS, INC.

By: 
Name: Douglas C. Stafford, Ph.D.
Title: President and CEO
Date: 2/3/00

ALLERGAN, INC.

By: 
Name: Lauren P. Silvermail
Title: Vice President, Business Development
Date: 2/4/00

Approved
Law Department

AMENDMENT TO CONFIDENTIAL DISCLOSURE AGREEMENT

THIS IS AN AMENDMENT, effective February 10, 2000, to the Confidential Disclosure Agreement which was effective February 3, 2000 between Ophidian Pharmaceuticals, Inc. ("Ophidian") and Allergan, Inc. ("Allergan") (the "Agreement")

The Agreement between the parties is hereby amended as follows:

"Confidential Information" is hereby amended to include all information in Ophidian's possession or under its control which relates in any way to any claims made by, any rights in, or any rights alleged to be owned by (a) any individual, corporation, partnership or other legal entity, or; (2) the United States or an entity, department, laboratory, or facility owned or controlled by the United States (including a U.S. Army Medical Research Institute, the U.S. Army, and/or the U.S. Department of Defense), in any of the inventions disclosed or claimed in any of (1) U.S. patent no. 5,919,665; (2) PCT application WO 96/12802; (3) U.S. patent application serial number 08/704,159, and/or; (4) PCT application WO 98/08540, including all correspondence, memoranda, internal company communications, attorney opinions or advice letters with regard to any such claims, rights or alleged rights.

All other terms and conditions of the Agreement to be unchanged.

ALLERGAN, INC.

By: Lauren P. Silvermail
Lauren P. Silvermail
Vice President, Business Development

Date: February 10, 2000

OPHIDIAN PHARMACEUTICALS, INC.

By: Douglas C. Stafford, PhD.

Date: February 10, 2000

D-2939CIPCON2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT

In re application of:

WILLIAMS ET AL)	Group Art Unit: N/A
)	
Serial No. N/A)	Examiner: N/A
)	
Filed: Herewith)	
)	
For: SOLUBLE RECOMBINANT BOTULINUM)	
TOXIN PROTEINS)	

AMENDMENT, PETITION AND FEE UNDER 37 CFR 1.48(b) DELETING
CORRECT ORIGINALLY NAMED INVENTOR WHO IS NOT ACTUAL INVENTOR
NOW BEING CLAIMED

Commissioner of Patents and Trademarks
Washington, DC 20231

Sir:

This amendment and petition under 37 CFR §1.48(b) is to delete the name of Bruce S. Thalley who was originally named as inventor and whose invention is no longer being claimed in the application in view of cancellation of claims made in the Preliminary Amendment in the present case.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 01-0885.

Respectfully submitted,



Frank J. Uxa
Attorney for Applicant
Registration No. 25,612
4 Venture, Suite 300
Irvine, CA 92618
(949) 450-1750
(949) 450-1764 Facsimile